

Search update

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11767	372/43-46.ccls.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/05/30 17:06
S46	201	"372".clas. and ((gaas or "gallium arsenide") and roughness)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/05/30 17:07
S47	18	"372".clas. and ((gaas or "gallium arsenide") with roughness)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/05/30 17:08
S50	9	S49 not S48	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/05/30 17:25
S48	8	"372".clas. and (((gaas or "gallium arsenide") with roughness) and electrode)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/05/30 17:25
S49	17	"372".clas. and (((gaas or "gallium arsenide") same roughness) and electrode)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/05/30 17:28
S52	114	S51 not (S49 or S48)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/05/30 17:29
S54	12	("6084899" "6167072" "6285694" "6650671").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 08:05

EAST Search History

S55	41	(US-20040095977-\$ or US-20040028104-\$ or US-20030169795-\$ or US-20030235226-\$ or US-20040114653-\$ or US-20030026308-\$ or US-20020110169-\$ or US-20020024980-\$ or US-20040004982-\$ or US-20030053501-\$ or US-20030161369-\$ or US-20020105986-\$ or US-20020141468-\$ or US-20020114374-\$).did. or (US-5985686-\$ or US-6215802-\$ or US-6810065-\$ or US-5328854-\$ or US-5493577-\$ or US-6661823-\$ or US-5563422-\$ or US-6898215-\$ or US-5838707-\$ or US-6809010-\$ or US-5314838-\$ or US-5594751-\$ or US-6775310-\$ or US-6819693-\$ or US-5539239-\$ or US-4410993-\$ or US-6590919-\$ or US-4963508-\$ or US-5945690-\$ or US-5833749-\$ or US-5978141-\$ or US-6292503-\$ or US-5956362-\$ or US-6055261-\$ or US-6656759-\$ or US-5895224-\$). did. or (JP-2002009393-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/05/31 08:17
S53	20	("20020117680" "4328469" "5197077" "5260959" "5289484" "5309465" "5594749" "5815521" "6731663").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 08:18
S56	18	S55 and roughness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 09:45
S51	131	"372".clas. and (((gaas or "gallium arsenide") and roughness) and electrode)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/05/31 09:46
S59	13	("20020117680" "4328469" "5197077" "5260959" "5289484" "5309465" "5594749" "5815521" "6084899" "6167072" "6285694" "6650671" "6731663").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/31 09:51
S58	187	(((gaas or "gallium arsenide") same roughness) and electrode) not "372".clas.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/05/31 11:25

EAST Search History

S57	54	"372".clas. and ((electrode or contact) with roughness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 11:25
S61	14493	((electrode or contact) with roughness) not "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 11:26
S62	10850	((electrode or contact) with (surface near2 roughness)) not "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 11:27
S60	70	(((gaas or "gallium arsenide") same smoothness) and electrode)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/05/31 11:27
S65	2	("6993053").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/31 11:42
S64	1	("2004/0028104").URPN.	USPAT	OR	ON	2006/05/31 11:42
S63	9090	((electrode or contact) with (surface adj roughness)) not "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 12:02
S67	1809	(((contact) with (surface adj roughness)) and (laser or emission)) not "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 12:09
S66	2365	(((electrode or contact) with (surface adj roughness)) and (laser or emission)) not "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 12:09
S68	687	(((electrode) with (surface adj roughness)) and (laser or emission)) not "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 12:49
S69	11	(yoshikawa-masahiro).in: and laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 12:52

EAST Search History

S70	1678	S67 not S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/01 08:01
L1	54	372/46.01.ccls. and @pd>"20052706"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/01 08:03
L2	51	372/45.01.ccls. and @pd>"20052706"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/01 08:08

In + Sear

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	12	((verticle or surface) and (emitting or emission or laser) and electrode and (protect\$3 near2 (layer or film)) and (surface near2 roughness)).clm.	US-PGPUB	OR	ON	2006/06/01 08:12
L4	0	((verticle or surface) and (emitting or emission or laser) and (current or confin\$4) and electrode and (protect\$3 near2 (layer or film)) and (surface near2 roughness)).clm.	US-PGPUB	OR	ON	2006/06/01 08:12
L3	0	((verticle or surface) and (emitting or emission or laser) and (current or confin\$4) and electrode and (protect\$3 near2 (layer or film)) and (surface near2 roughness)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/01 08:12